☐ UNCLASSIFIED ☒ CONFIDENTIAL ☐ SECRET ☐ _____ (specify)

REQUEST TO PROCUREMENT DIVISION FOR SERVICES
(other than property or building maintenance and repairs)

OFFICE/DIV/BR	REQUEST NO.	DATE OF REQUEST	I CERTIFY THAT FUNDS IN THE ESTIMATED
NPIC/TSSG/SSD/LB	SS-6228-60	22 Jan. 1969	AMOUNT OF $ _____ 53,460

25X1

AVAILABLE. CHARGE TO FAN **9155-530**

SIGNATURE OF BUDGET OFFICER   DATE

PROJECT TITLE	PROJECT OR CONTRACT OFFICER	EXTENSION
Stereo Comparator		

25X1

PROPOSAL NO. AND DATE | CONTRACT & TASK ORDER NO. *(if known)*

TYPE OF SERVICE REQUESTED		APPLICABLE ONLY TO REPAIRS AND MODIFICATIONS

TECHNICAL INSPECTION IS REQUIRED BY

☒ RESEARCH/DEV

TRANSFER OF FUNDS TO OTHER GOVT. AGENCY *(specify if applicable)*

☐ RECEIVING DEPOT T & I   ☐ TECHNICAL MONITOR

☐ ITEMS TO BE PICKED UP OR ☐ SERVICES PERFORMED AT:

GRANT

REPAIR

ITEMS TO BE REDELIVERED TO:

MAINTENANCE

MODIFICATION

SECURILITY	CONTRACT CLASSIFICATION	WORK CLASSIFICATION	HARDWARE CLASSIFICATION	REPORTS CLASSIFICATION
SC 0				
☒ SC 1	CONFIDENTIAL			
SC 2				

SHORT SUBSTANTIVE TITLE AND/OR DESCRIPTION OF SERVICE TO BE PERFORMED

25X1

Increase funding by _____ cover change of scope
on the Stereo Comparator Contract _____

25X1

APPROVED: D/NPIC, 17 Jan 1969

**Declass Review by
NIMA/DOD**

*(See reverse for specific information
required on R&D requests.)*

APPROVAL		
	SIGNATURE	DATE
DESIGNATION		
C/LB/SSD/TSSG/NPIC		

25X1

PROCUREMENT DIVISION USE			
DATE RECEIVED IN PD	RECORDED BY	SECTION ASSIGNED TO	NEGOTIATOR

FORM 2420 REPLACES FORMS 2420 AND 2416 WHICH MAY BE
3-67

☐ UNCLASSIFIED ☒ CONFIDENTIAL ☐ SECRET ☐ _____ (specify)

(5-12-38)

1   JUSTIFICATION FOR SOURCE SELECTION

2. PROPOSAL

3. ☐ DELIVERABLE ITEMS

REPORTS REQUIRED   _____ NO. OF COPIES   ☐ MONTHLY   ☐ INTERIM   ☐ QUARTERLY   ☐ FINAL

HARDWARE *(state type and number)*

OTHER

4. GFE REQUIRED

5. SPECIAL INSTRUCTIONS

8 October 1968

U. S. Government

Subject: Quotation for High Speed Tape Reader/Punch with
     Interface Chassis

Gentlemen:

25X1

                is pleased to submit their offer
to provide one High Speed Tape Reader/Punch with a special interface chassis

25X1 at a price of

      This price includes delivery and installation, and is firm for a
period of ninety (90) days.

25X1

      The Stereocomparator as presently designed includes an ASR 35
     Teletype unit with paper tape punch and reader. This combination processes
information at the rate of ten (10) characters per second, which while adequate
for system information, would not be satisfactory for program read in or dump,
or for major program update schedules.

      For example, the time required to load the FORTRAN systems and
the Input/Output library object tapes would be in the range of 32 to 45 minutes.
In addition, the time spent in read in and dump during testing of a new or updated
program results in hours, or even weeks, of additional programmer personnel time.

      The provision of a suitable high speed Reader/Punch is thus
virtually essential when programmer efficiency is considered.

      A further advantage to this proposal is that the added equipment
25X1 makes the   DDP 516 computer available as a functioning separate,
general purpose computer with a 16K memory core.

      The device consists of two separate units with the necessary
interconnecting and input/output cables.

U. S. Government
10/8/68 - Continued

Page 2.

25X1

   The tape unit consists of a ⬚ photoelectric reader with **25X1**
an ⬚ Teletype punch in a ⬚ table top enclosure. The reading speed
is 300 characters per second, and the punch speed is 110 characters per second.
A standard 8-level code is read or punched in one inch wide lubricated paper or
Mylar tape, with a minimum opacity of 40%.

   The Interface unit consists of a solid state circuitry in a chassis
arranged for mounting in the rear of a standard 19-inch rack.

   The chassis circuitry includes the necessary power supplies to
operate the logic components.

   The logic assemblies include the following functions:

1. Isolation of the Reader/Punch from the computer
output, input, address and control lines to maintain
the critical impedance and loading characteristics of
the computer system.

2. Perform address decoding to enable the computer to issue
commands and recognize data from the Reader/Punch.

3. Supply synchronization and timing signals as necessary
to make the high clock rate of the computer compatible
with the Reader/Punch strobe rates.

4. Provide necessary line drivers and receivers with cable so
that the Reader/Punch can be moved about in the work area
as conveniently as possible.

5. Shift voltage levels to make the Reader/Punch logic
compatible with the computer.

   Connectors and cables are provided to interconnect the computer,
the rack cabinets, the Reader/Punch and the interface chassis.

   If additional information is required regarding the above quotation,
please do not hesitate to contact us.

         Very truly yours,

                   25X1

         Administration Manager

BCJ:jm